



SWARC NEWS

Notes from K7RLH

Our October meeting was well attended, even though a lot of attendees didn't eat, but I think everyone enjoyed the fellowship and the program.

We ask you to keep the following in your thoughts and prayers:

Gary, KO4LQX, was not present and I have not heard him on the nets. To be honest, we all should reach out and check on each other from time to time.

Kenny, KJ4CVK, is back on the air and participating in and calling some nets. However, he continues to have health challenges.

News flash: Miss Velda, K4VJC, after four long months finally has feeling in her legs, which is a huge answer to prayer. Most recently, she has been allowed to sit up in a chair and may be doing more physical therapy. Please keep Velda and Mike (KD4MC) Callam and family in your thoughts and prayers.

Steve, KA0GMY, continues to have some significant health issues, so remember him, Steve Jr., and Miss Gloria as well.

Look for other news and info in the body of the newsletter.

Thanks to all those who responded to my suggestion/request that you show commitment to South Wake ARC by renewing your membership for the upcoming fiscal year. We continue to experience some growth with new members coming in thru exposure to the club at Field Day or from testing sessions.

SWARC de K7RLH

Notes from KO4ZFO

Hello South Wake ARC members!

Thank you all to those who attended our presentation this month. We finally got the antenna working, amidst some rookie errors. We had a choke in our coax by having it coiled up, and with all of the fluorescent lights the RF noise was just too high to allow my handheld to work properly. So, we took the project outside and voila, things worked as they should have. I also want to thank those who stuck around to assist in the build. It was good practice at antenna building, and giving a hands-on presentation. Thanks again for your help and support.

The November meeting will be our annual Holiday Dinner, with the club furnishing the meat and members providing the fixings! The December meeting is the annual hors d'Oeuvres and fancy desserts social!

de KO4ZFO

SWARC 5 October 2022 Meeting Minutes

Since we currently have no club secretary, here is a recap of the meeting.

The meeting was opened at 7:00 pm with Bernie leading the Pledge of Allegiance.

Attendees included:

Richard Hall (K7RLH), Bill Blomgren (KK4QDZ), Rodney Warren (KO4ZFO), Steve Susanne (WB4SMS), Mike Gaither (K4MWG), John Ostrander (KM4EZK), Ed Castle

(N1WMM), Bernie Jones (N4BAJ), Don Nicholson (KN4OEY), Paul Nicholson (KN4NGI), Christy Fernandini (KJ4AEO), Brian Knox (KK4BK), Dave Krum (NW3U), Mike Salmi (AE4IM), and Travis Russell (KN4WJL).

Old/Unfinished Business

Our constitution requires at least 30% of 'full' membership to be present to enable business to be conducted. I believe that means that all business we have conducted in recent history is in violation of our constitution and that must be changed so that the club can function properly. **We appreciate each and every one of you that renews each year whether or not you attend a meeting, but that doesn't address the current issue. Stay tuned for future announcement of potential revisions to our governing document. Of course, that may require a vote by email, which is a less than desirable process and outcome.**

I have appointed Brian, KK4BK, and Bernie, N4BAJ, to assist me with the review of the constitution.

We only have one key to the radio room, which is kept in the lock box by the door. Members wishing to access the radio room should contact one of the officers for the key box combination.

New Business

None.

Food for Thought

If you read the Club Station article on page 78 of the September QST regarding club rejuvenation, then it's time to change the paradigm of how we meet. We will do Zoom meetings when appropriate, such as when a speaker would have to travel a long distance to present in person, but our primary goal is to have social intercourse with fellow hams. Please send me any thoughts you have regarding how the club might move forward and what would help new hams the most, e.g., you becoming an 'Elmer' or shedding some excess gear to help someone get started. In case you

don't know, the club sponsors the CENCAR VE Team and we need to attract successful applicants in the local area to consider joining for the activities that we sponsor or advocate for.

License Upgrade Opportunity

A free, weekly, live, Amateur Radio General Class Licensing course on Zoom will begin on Thursday, Oct 27 and will run through Thursday, January 5. There will be 9 sessions, with two breaks for holidays. The three-hour sessions will start at 6:30 PM Eastern Time. Sessions will be recorded. These are the classes that we have been holding for years sponsored by the National Electronics Museum. Please publicize this with anyone that you think would be interested. Those wishing to sign up should email roland.anders@comcast.net.

Thanks.

73,

Rol Anders, K3RA

Presentation Topic

Our VP, Rodney (KO4ZFO), planned the meeting around the thought of building antennas. The primary focus was to build a VHF/UHF ¼-wave ground plane antenna. You can refer to Rodney's comments above for the success of that endeavor. In addition, Richard (K7RLH) displayed two different Yagi antennas, which can both be made very inexpensively. While info on the UHF Yagi can be found in one of the ARRL Antenna Book(s) (and perhaps in the ARRL Handbook chapter on antennas), the one Richard displayed was constructed, for a specific frequency, from a spreadsheet found on the TARPNet site under the 'Builders' tab followed by selecting 'Antennas.' The tape measure Yagi for 2 meters can be found on <https://w5nor.org/tape>. All info on required materials can be found once on that site.

TREASURER'S REPORT

Christy Fernandini reported a current balance of \$2,026.17. This was unchanged from the previous month. She took several membership renewals, while at the meeting, which provide the revenue stream—thank you all!

MEMBERSHIP

You can bring a check or cash for dues to the next meeting or mail them to the club PO box and Christy will let me know she has received them. Also, you can now renew somewhat online by contacting Christy and giving her the appropriate credit card info for the Square account. Christy's email is christyfernandini@outlook.com

Makes checks payable to South Wake ARC.

Send it to South Wake ARC – PO Box 1565 – Fuquay Varina, NC 27526

Steve,

WB4SMS

NET REPORT

SWARC Group – August 2022

We have three individuals who can be referred to as net check in champs for September; they are Bill, KK4QDZ, Al, WA3JJG and Richard, K7RLH. The monthly total of check-ins was 263. Note that **not** all net controls record their counts so numbers could be higher than recorded.

I look forward to hearing you on the net!

- Saturday and Sunday evenings will be called by KT4JR & K7RLH
- KO4ZFO will call Monday evenings
- KA0GMY will call Tuesday evenings (backup is K7RLH)
- KK4BK will call Wednesday evenings except on meeting nights
- KJ4CVK will call Thursday evenings
- Fridays will continue to be called by NC4MP
- And we need backups – JUST BECAUSE.

Please contact Richard Hall, K7RLH, if you are interested in calling one or more nets.

Public Service

*Check the HPSNC.org web site often for Public Service opportunities.
The public service season is upon us and events need volunteers.*

Also, there is an opportunity to display ham radio at the NC State Fair at the NC Ham Radio stand. Here is the info:

I am working on the schedule for the NC State Fair and still looking for volunteers. Let me know what days you can support this event, and what shifts (morning, afternoon, evenings). This is an important event and it was not easy to get a spot on the fairgrounds without paying a substantial fee. I am bringing in other clubs as well as this will be an

NC Ham Radio event. JARSCOM will be onsite for the entire duration of the fair, and I encourage everyone to bring their portables. Thanks for supporting this important event!

Travis Russell - KN4WJL

KN4WJL@proton.me

(919) 518-6557

SWARC Mission Statement

South Wake ARC's primary purpose is to further the Amateur Radio Service through programs, activities, and education, in order to promote the radio knowledge, fraternalism and individual operating efficiency of its members. Further, it shall be our purpose to support the welfare of our community through public service including radio communications for emergency situations and public events, and through providing information, training, and assistance to individuals or organizations with an interest in the Amateur Radio Service.

BOARD OF DIRECTORS

President

Richard Hall--K7RLH

Vice President

Rodney Warren—KO4ZFO

Secretary

Vacant

Treasurer

Christy Fernandini - KJ4AEO

Member-At-Large

Al Crawford – WA4TCJ

Member-At-Large

Bernie Jones – N4BAJ

Member-At-Large

Mike Gaither –
K4MWG

Member-At-Large

Brian Knox--KK4BK

Membership Chair

Steve Suzanne—
WB4SMS

Appointed Positions

NET MANAGER

Kenny Souther-KJ4CVK

Special Events Director

Gino Fernandini –KI4YXO

Public Service Director

David Krum – NW3U

LINKS (if you have other links you want added then send them to me)

PRN

A Wide Area Digital Amateur Radio Network

www.ncprn.net

GigaParts

www.gigaparts.com

QRZ

www.qrz.com

Ham Radio Outlet HRO

www.hamradio.com

Raleigh Amateur Radio Society RARS

www.rars.org

Johnson Amateur Radio Society JARS

www.jars.net

South Wake Amateur Radio Club SWARC

www.southwakearc.com

Carolina 440 Network

www.carolina440.net

_North Carolina Packet

www.ncpacket.com

_TARPN (Terrestrial Amateur Packet Radio Net)

www.tarpn.net

Useful Ham Info

www.torborg.com/a

_Car Radio Development History

<https://www.titlemax.com/articles/the-history-of-the-car-radio/>

ARRL News

Announcements

The Radio Society of Great Britain (RSGB) To Host The Transatlantic Centenary Tests

The Radio Society of Great Britain (RSGB) will host The Transatlantic Centenary Tests during December 2022. The international event celebrates the centenary of the transatlantic success of the RSGB in December 1922.

On December 24, 1922, the very first verified amateur radio signal from Europe was received in North America. The signal originated from the RSGB station (G)5WS at Wandsworth in South London, as part of the Third Transatlantic Tests.

Unlike the tests of the 1920s, which consisted of one-way communication, the December 2022 tests will encourage worldwide two-way communication with the United Kingdom and Crown Dependencies. There will be a series of awards available for making contacts with those who are activating special call signs.

For this centenary celebration, the RSGB has renewed five call signs, which they held in the 1920s:

- G5WS, from the 1922 tests -- "the first to get across"
- G5AT, from the 1923 tests
- G6XX, from the 1923 tests
- G6ZZ, used for the first amateur tests on a moving railway train in 1924
- G3DR, Scottish Highlands Call -- GM3DR

These historic call signs will be activated by RSGB members and clubs, using G5WS, G5AT, G6XX, G6ZZ, G3DR (England), GM5WS (Scotland), GW5WS (Wales), GU5WS (Guernsey), GD5WS (Isle of Man), GJ5WS (Jersey), and GI5WS (Northern Ireland).

Full details of how to participate are available on the RSGB website at <https://rsgb.org/transatlantic-tests>.

In Brief...

A crossband activation of NEPM, the Battleship USS *Iowa*'s original active call sign, is scheduled in memory of Pearl Harbor.

As the representative of the National Museum of the Surface Navy at the Battleship *Iowa* Museum in San Pedro, California, the Battleship *Iowa* Amateur Radio Association (BIARA) will honor the sailors and ships previously homeported in San Pedro who were attacked on December 7, 1941, with special crossband activations of NEPM on December 6 and 7, 2022. When Pearl Harbor was attacked, seven of the battleships formerly homeported in San Pedro Bay were not present. Eight Pacific fleet battleships -- the USS *Arizona*, USS *California*, USS *Maryland*, USS *Nevada*, USS *Oklahoma*, USS *Tennessee*, USS *West Virginia*, and USS *Pennsylvania* -- were at Pearl Harbor and absorbed the brunt of the Japanese attack. Of these eight ships, three sank, one capsized, and four suffered varying degrees of damage. Under the authority of the Navy and Marine Corps Spectrum Office Southwest, they will transmit using the *Iowa*'s NEPM call sign on assigned military frequencies and listen for calls from the amateur radio community in their adjacent bands. NEPM will transmit on 14.375 MHz, 18.170 MHz, and/or 21.460 MHz on J3E upper sideband and/or A1A CW. The operator will advise listeners as to where they are listening. Amateur participants are reminded not to transmit on the NEPM military frequencies. Operations on both days are expected to be from 1500 to 2400 UTC. QSL procedures can be found at <https://biara.org>. For specific questions in advance of the operation, contact w6hb@biara.org.



More African countries are now operating on the 60-meter band. The South African Radio League (SARL) reports that three new African countries have joined the ranks of 5 MHz as 60-meter

operators. They are Botswana, Lesotho, and Eswatini (formerly known as Swaziland). Each country has access to the new WRC-15 amateur secondary allocation of 5351.5 - 5366.5 kHz. This makes a total of 89 countries now on the band worldwide. --*Thanks to SARL Secretary Dennis Green, ZS4BS.*

Just Ahead in Radiosport

- October 8 - 9 -- Makrothen RTTY Contest (digital)
- October 8 -- QRP ARCI Fall QSO Party (CW)
- October 8 -- V/U Nevada QSO Party (CW, phone, digital)
- October 8 - 9 -- Oceania DX Contest (CW)
- October 8 -- Microwave Fall Sprint (CW, phone, digital)
- October 8 - 9 -- Scandinavian Activity Contest, SSB (phone)
- October 8 - 9 -- SKCC Weekend Sprintathon (CW)
- October 8 - 9 -- Arizona QSO Party (CW, phone)
- October 8 - 9 -- WARC Pennsylvania QSO Party (CW, phone)
- October 8 - 9 -- South Dakota QSO Party (CW, phone, digital)
- October 8 - 9 -- PODXS 070 Club 160-Meter Great Pumpkin Sprint (digital)
- October 9 -- UBA ON Contest (CW)
- October 10 -- 4 States QRP Group Second Sunday Sprint (CW, phone)
- October 10 -- 10-10 International 10-10 Day Sprint (CW, phone, digital)
- October 12 -- NAQCC CW Sprint (CW)
- October 12 -- RSGB 80-Meter Autumn Series, Data (digital)

Visit the [ARRL Contest Calendar](#) for more events and information.

Upcoming Section, State, and Division Conventions

- October 7- 8 | [Melbourne Hamfest](#), hosting the ARRL Florida State Convention, Melbourne, Florida
- October 7- 8 | [Slidell EOC Hamfest](#), hosting the ARRL Louisiana State Convention, Slidell, Louisiana
- October 7- 9 | [ARRL Rocky Mountain Division Convention](#), Cheyenne, Wyoming
- October 9 | [Nutmeg Hamfest](#), hosting the ARRL Connecticut State Convention, North Haven, Connecticut
- October 14 - 16 | [Pacificon](#), hosting the ARRL Pacific Division Convention, San Ramon, California
- October 15 | [Wisconsin ARES/RACES Conference 2022](#), hosting the ARRL Wisconsin State Convention, Wisconsin Rapids, Wisconsin
- October 29 | [CopaFest](#), hosting the ARRL Arizona State Convention, Maricopa, Arizona
- November 5 - 6 | [Stone Mountain Hamfest](#), hosting the ARRL Georgia Section Convention, Lawrenceville, Georgia

- November 12 | [Montgomery ARC Hamfest](#), hosting the ARRL Alabama State Convention, Montgomery, Alabama
- November 12 | [Rock Hill Hamfest](#), hosting the ARRL South Carolina Section Convention, Rock Hill, South Carolina

Search the [ARRL Hamfest and Convention Database](#) to find events in your area.

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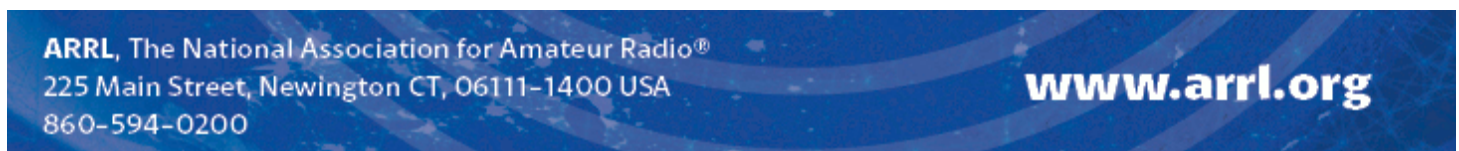
Subscribe to...

- [NCJ -- National Contest Journal](#). Published bimonthly, features articles by top contesters, letters, hints, statistics, scores, NA Sprint, and QSO parties.
- [QEX -- A Forum for Communications Experimenters](#). Published bimonthly, features technical articles, construction projects, columns, and other items of interest to radio amateurs and communications professionals.

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HAMFEST INFORMATION

The following hamfests have been scheduled for 2022.

Alan, AB4OZ, will have a free swapfest Saturday , the 15th, at the Golden Corral

parking lot, 3551 Grenelle St., Raleigh (NW corner of 401 and Tryon Rd). Setup time is 9:00 am and fest starts at 10:00 am although most folks will sell if you want to buy something even as they are unloading their gear and paraphernalia!